



# Washington Department of Fish and Wildlife

## Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>

### Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: <https://wdfw.wa.gov/publications/02061>
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

### Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

**NFB** = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q<sub>fp</sub>** = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

## WDFW Fish Passage and Diversion Screening Inventory Database

### Site Description Report

Site ID 09.0004 0.20

Project FPDB

☐ Mitigated

#### Geographic Coordinates

Latitude (WGS 84): 47.4751472  
Longitude (WGS 84): -122.2453613  
East (NAD 83 HARN): 1,208,793.4  
North (NAD 83 HARN): 785,877.3

#### Waterbody

Stream: Black R  
Tributary To: Duwamish R  
WRIA: 09.0004  
River Mile: 0.20  
Fish Use Potential: Yes  
FUP Criteria: Biological

#### General Location

Road Name:   
Mile Post: -999.99  
County: King  
WDFW Region: 4

#### Owner

Type: County  
Name: King County

#### PI Species

☐ Sockeye ☒ Chinook ☒ Sea Run Cutthroat  
☐ Pink ☒ Coho ☒ Resident Trout  
☐ Chum ☒ Steelhead ☐ Bull Trout

#### Associated Features

☐ Culvert ☒ Dam ☐ Natural Barrier ☐ Diversion  
☐ Non-Culvert Xing ☐ Other ☒ Fishway

#### Location/Directions

Take I-405 north to exit 1. Go left on W. Valley Rd. to SW Grady Way. Right right on Grady and go to Oaksdale. Left on Oaksdale to the pump station on the right just past Monster Rd. (Oaksdale actually ends, and Monster Rd. goes straight ahead and to the left).

#### Site Comments

11/18/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

## WDFW Fish Passage and Diversion Screening Inventory Database

### Dam Assessment Report

Site ID: 09.0004 0.20		
Latitude: 47.4751472	Stream: Black R	WRIA: 09.0004
Longitude: -122.2453613	Trib To: Duwamish R	Fish Use Potential: Yes

#### Data Source

Organization:	Washington Department of Fish and Wildlife		
Field Crew:	Phinney;Whitney	Review Date:	8/26/2009

#### Description

Dam Name:		Type:	Concrete	Operated:	Year Round
Reservoir Name:		Span:	Full	Fishway Present:	Yes
Primary Purpose:	Flood Control	Outlet:	Spillway		

#### Assessment Parameters

Length (m):	68.6
Height (m):	8.78
Water Surface Difference (m):	0.12
Plunge Pool Depth (m):	2.10



#### Results

Barrier:	No
Reason:	N/A
Passability (%):	100
Recheck:	

#### Description

Concrete dam equipped with Alaskan Steep Pass fishway with pumped water and US chute. Dam is used for flood control with several gates and seven pumps to help meter out water and run the fishway.

#### Comments

Upstream fish passage is run from September 1 to January 31 annually by agreement. Upstream and downstream counts are conducted. Downstream counts are done April 1 th June 15, although counters are currently not functioning.

11/18/2021

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**WDFW Fish Passage and Diversion Screening Inventory Database**  
**Dam Assessment Report**

Site ID: <b>09.0004 0.20</b>			
Latitude: <b>47.4751472</b>	Stream: <b>Black R</b>	WRIA: <b>09.0004</b>	
Longitude: <b>-122.2453613</b>	Trib To: <b>Duwamish R</b>	Fish Use Potential: <b>Yes</b>	

**Potential Habitat Gain**

Survey Type:	<input type="text" value="LME"/>	Rearing (sq m):	<input type="text" value="-999"/>	Length (m):	<input type="text" value="4,506"/>
Significant Reach:	<input type="text" value="Yes"/>	Spawning (sq m):	<input type="text" value="-999"/>	<b>PI Total:</b>	<input type="text"/>

11/18/2021

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## WDFW Fish Passage and Diversion Screening Inventory Database

### Fishway Assessment Report

Site ID: **09.0004 0.20**

Latitude: **47.4751472**

Stream: **Black R**

WRIA: **09.0004**

Longitude: **-122.2453613**

Trib To: **Duwamish R**

River Mile: **0.20**

#### General Description

Fishway Type:  Construction Year:  Attached To:

A two part denil fishway with an intermediate resting pool. This is a pump station dam.

#### Weir Pool, Pool Chute, Vertical Slot, and Steep Pass Fishway Components

Number of Pools:  Number of Weirs:  Weir Type:

Entrance Pool Depth (m):  Maximum Water Surface Difference (m):

#### Streambed Elevation Controls

Control Location:  Number of Controls:  Control Type:

#### Baffles

Culvert ID	Number	Type
1.1		



#### Assesment Criteria

Inspection Frequency:

Maximum WS Drop (m):

#### Status:

Barrier:  Reason:  Passability (%):

#### Comments

#### Potential Habitat Gain

Survey Type:  Spawning (sq m):  Length (m):

Significant Reach:  Rearing (sq m):  **PI Total**

11/18/2021

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## WDFW Fish Passage and Diversion Screening Inventory Database

### Habitat Survey Summary Report

Site ID: **09.0004 0.20**

Latitude: **47.4751472** Longitude: **-122.2453613** WRIA: **09.0004**

Stream: **Black R** Tributary To: **Duwamish R** PI Total:

Survey Type

Spreadsheet File(s):

#### Downstream Survey

Date:  Crew:  Length (m):

Downstream Comments:

#### Upstream Survey

Date:  Crew:  Length (m):

Upstream Comments:

#### Potential Habitat Gain

Lineal (m):

Spawning Area (sq m):

Rearing Area (sq m):

Distribution

- ☐ Anadromous  
☐ Resident Only  
☐ Unknown

Gain Direction (Resident Only):

#### Potential Species Benefit

☐ Sockeye / Kokanee

☒ Chinook

☒ Searun Cutthroat

☐ Pink

☒ Coho

☒ Resident Trout

☐ Chum

☒ Steelhead

☐ Bull Trout

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**WDFW Fish Passage and Diversion Screening Inventory Database**  
**Image Report - Active**

Site ID: **09.0004 0.20**

Latitude: **47.4751472**

Stream: **Black R**

WRIA:

**09.0004**

Longitude: **-122.2453613**

Tributary To: **Duwamish R**

Fish Use Potential:

**Yes**

**Associated Features**

☐ Culvert

☒ Dam

☐ Natural Barrier

☐ Diversion

☐ Non-Culvert Xing

☐ Other

☒ Fishway



11/18/2021

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